

September 28, 2016
Regular Meeting
6:00 p.m.

The Board of Directors of the San Benito County Water District convened in regular session on Wednesday, September 28, 2016 at 6:00 p.m. at the San Benito County Water District office at 30 Mansfield Road, Hollister, California. Members present were: President Sonny Flores, Vice President John Tobias and Directors Frank Bettencourt and Bob Huenemann; Director Joe Tonascia arrived late. Also present were District Manager/Engineer Jeff Cattaneo, District Counsel David E. Pipal, Assistant Manager Sara Singleton, Deputy District Engineer Garrett Haertel, Supervising Accountant Natalie Sullivan, Consultant Harry Blohm and Board Clerk/Office Specialist III Barbara Mauro.

CALL TO ORDER

President Flores called the meeting to order at 6:00 p.m.

- a. **Pledge of Allegiance to the Flag**
President Flores led the Pledge of Allegiance.
- b. **Speakers will be limited to 5 minutes to address the Board; rebuttal will be limited to 3 minutes; no new business agenda items will be heard after 9:00 p.m.**
- c. **Approval of Agenda**
With a motion by Director Bettencourt and a second by Vice President Tobias, the Agenda was unanimously approved.
- d. **Public Input: Members of the Public are Invited to Speak on any Matter not on the Agenda**
There were no public comments.

CONSENT AGENDA:

- 1. **Approval of Minutes for: August 31, 2016 Regular Meeting**
- 2. **Allowance of Claims**

With no questions from the Board, a motion was made by Director Huenemann and seconded by Vice President Tobias; the Consent Agenda was unanimously approved.

REGULAR AGENDA:

- 3. **Presentation by Santa Clara Valley Water District, Pacheco Conduit Reach 1 Condition Assessment and Possible Rehabilitation Project**
(Director Tonascia arrived at 6:03 p.m.)

Mr. Cattaneo introduced Mr. Tony Ndah and Aaron Baker from Santa Clara Valley Water District (SCVWD), who will give a presentation on the Pacheco Conduit Reach 1 Condition Assessment and Possible Rehabilitation Project.

Using a PowerPoint presentation, Mr. Ndah stated this project was approved by SCVWD's Board last night. The Pacheco Conduit runs approximately 8 miles to Bifurcation and is a critical pipeline for both Districts. In August 2015, SCVWD had a major failure on their side of the pipeline, which is made of a different material than

SBCWD's Hollister Conduit. Mr. Ndah stated there had been a plan to do a schematic review of the Pacheco Conduit, but their pipeline failure accelerated the issue. He stated condition assessments and inspections were reviewed as well as the wire failure. In January 2009, Brown and Caldwell did an assessment which was reviewed and due to the pipeline failure, the Bureau has asked for further investigation.

There are 6 components of this project. They are: 1. Dewater, 2. Inspection, 3. Appurtenance Rehabilitation, 4. Internal Maintenance and Repair, 5. Structural Lining and 6. New Assets. Mr. Ndah stated the anticipated time to dewater the pipeline is 3 weeks with a start date of January 13, 2017. There is approximately 26 million gallons of water to remove.

Vice President Tobias asked why it takes 3 weeks. Mr. Ndah stated the Districts are limited by the permits, which states a high of 2 CFS (cubic feet per second) is allowed to drain at a time.

Director Tonascia asked what happens if it is raining. Mr. Ndah stated it will complicate the schedule. Weather permitting, all have agreed the 3 week time period is adequate.

Vice President Tobias asked if the water can be diverted to San Justo Reservoir. Mr. Cattaneo stated no it cannot.

Mr. Ndah continued with the next steps which would be the internal visual inspection, estimated at 1 week, which would give full access to the pipeline and replace 3 of the 84" diameter valves. This inspection would also allow for any other necessary maintenance or repairs. Next would be new CFRP (carbon fiber reinforced polymer) lining, which is essentially a pipe within a pipe. It is 6-8" thick and has been there for 50+ years.

Director Tonascia asked how this is done. Mr. Ndah stated the old grout is chipped off and replaced with new lining.

Finally, Mr. Ndah stated the new assets and improvements portion of the project would be to install 2 valves at Bifurcation. This would be replacing the current valve and adding a second valve. The valves will both be 42" and be operated remotely.

Mr. Haertel asked if the new valve is a bypass valve. Mr. Ndah stated you would bypass from one valve to the other. Also, he stated the Bureau is recommending the Acoustic Fiber Optic (AFO) Monitoring be installed as a good preventative measure.

The schedule is: dewater for 3 weeks, inspect for 1 week, appurtenance rehabilitation, AFO installation for 4 weeks and the system to be back up by the 1st week in April.

Vice President Tobias asked is there is any flexibility. Mr. Ndah stated yes.

Director Tonascia asked if the creek is running, will it affect the rest of the work. Mr. Ndah stated no, but a wet winter could certainly affect it. Mr. Cattaneo added the valve replacement needs to happen first as our customers will be out of water.

Mr. Ndah next reviewed the finances, which are \$6.4 million for the base work and \$2.5 million for the supplemental work. Mr. Cattaneo asked if the AFO is on the supply list.

Mr. Ndah stated the Board will have the final approval. Mr. Baker stated staff and the Bureau are recommending it; it is remote monitoring and is a great tool. Mr. Cattaneo asked about the AFO's track record and where has it been used before. Mr. Ndah stated it has been used at Hetch Hetchy and in San Diego. Mr. Cattaneo asked if it is proprietary or could it go out to bid. Mr. Ndah stated they are the only ones on the market.

Director Tonascia asked why January 13th. Mr. Cattaneo stated it was a negotiated date. Vice President Tobias stated our District would need time as the logistics are important if we are going to be out of water. Mr. Cattaneo is still working out the details.

In conclusion, 3 project takeaways: 1) Improve Reliability; 2) Builds on knowledge (past inspections and previous breaks); and 3) Shut down to last approximately 12 weeks.

Vice President Tobias asked what could be left undone if not complete in 12 weeks. Mr. Ndah stated they are confident in the 12 week timeframe. Mr. Baker did add, the only delay would be if more repairs would be needed. Vice President Tobias asked if we have sufficient water to fill San Justo Reservoir. Mr. Cattaneo stated no, not to fill it. Mr. Ndah added, in addition to himself and Mr. Baker, Jim Fielder, the COO of SCVWD is also in the audience tonight.

4. Discuss and Consider Approval of Resolution Establishing an Interim Policy for Rescheduling Unused/Conserved 2016-2017 Water by Agricultural and Municipal & Industrial Contract Water Users

Mr. Cattaneo stated this would be the first year the District would offer 100% carry-over of unused water, but the District made a commitment to the customers who purchased additional water that if they purchased the water, it could be carried over. How the water is used: rescheduled water is the first water, then contract water and then the additional water. Times are different as this is an extreme year. Mr. Cattaneo stated this will only apply to the Ag and M & I Contract customers as M & I Small Parcel customers cannot carry over water. If an M & I Small Parcel customer feels they have a particular hardship they can make a case to Mr. Cattaneo and will be reviewed on a case by case basis.

Director Bettencourt asked if this is only for 1 year and Mr. Cattaneo stated yes, for the next water year.

With no further questions from the Board, a motion was made by Vice President Tobias and seconded by Director Bettencourt, Resolution #2016-15 *A Resolution of the Board of Directors of the San Benito County Water District Establishing an Interim Policy for Rescheduling Unused/Conserved 2016-2017 Water by Agricultural and Municipal & Industrial Contract Water Users* was approved by 4 affirmative votes (Flores, Tobias, Bettencourt and Tonascia) and 1 no vote (Huenemann).

5. Discuss and Consider a Contract to ICad Inc. for the Scada Telemetry Communication Upgrades and Authorizing the District Manager to Execute all Documents Necessary (\$38,482)

Mr. Cattaneo stated the District's Telemetry is the original hard wire system to our sub systems and is 30 years old. The line has deteriorated and is unable to communicate regularly to some of the District's sub systems. Mr. Cattaneo reported staff has reviewed

several options, one was using AT&T, which we tried unsuccessfully at 9H. Another option was a cell phone service but it was not only expensive but had liability issues. The third option was to use radio communication from the District to the sites. ICad, who is our Scada integrator would be able to do this. Currently, we could cover all but 2 sites. However, in a few months, a repeater can be added to the West Hills WTP site which would then cover the remaining two sites. The cost proposed, per Mr. Cattaneo, does not include the equipment which could total approximately \$80,000. ICad would give us a list of equipment which we could go out to bid for and then Dave Dungan, the District's electrician, could install. The equipment and upgrades could total somewhere between \$110,000 and \$125,000.

Vice President Tobias asked what ICad will do. Mr. Cattaneo stated they will design the upgrade, do all the programming and integration and coordinate all of the upgrades with our Scada system.

With no further questions from the Board, a motion was made by Director Bettencourt and seconded by Director Tonascia; the Board of Directors unanimously approved a Contract to ICad Inc. for the Scada Telemetry Communication Upgrade and Authorized the District Manager to Execute all Documents Necessary.

6. Staff Report on the Hollister Urban Area Water and Wastewater Master Plan Update

Mr. Blohm began with an update on the Master Plan. The agencies have all agreed on the demand forecast and to develop the infrastructure. Regarding supply, all supply options are being reviewed including the current constraints from SBCWD and all plan to meet next week. Mr. Blohm reported other items to be discussed will be the infrastructure needs and the crosstown pipeline. Expansion of the West Hills WTP plant has also been discussed. Currently, it can produce 4.5 MGD (million/gallons/day) but has the capacity to add additional modules to add an additional 2.5 MGD. Mr. Blohm reported all information in the Master Plan was coordinated with the recent reporting in the Urban Water Management Plan, so all data is consistent.

Regarding the West Hills WTP, Mr. Blohm reported the area around the clear well has been filled in and now the buildings on site are the next priority over the next few months. Mr. Blohm reported the District approved the change order for Auburn Constructors to construct the recycled water storage ponds. Work has begun on the ponds and Mr. Haertel showed the Board photos of its progress.

Director Bettencourt asked if the District would have to check for leaks in the liner at the ponds. Mr. Haertel reported the liner will be cleaned and repaired as necessary. Mr. Blohm added this is a very robust liner.

7. Committee/Agency Representative Reports:

a) San Luis Delta Mendota Water Authority (Tobias/Tonascia)

As per Director Tonascia, the only item to report is San Luis Reservoir is not anticipating to fill this year.

- b) **Pajaro River Watershed Flood Prevention Authority (Bettencourt/Flores)**
As per Director Bettencourt, he was unable to attend.
- c) **Administration Committee (Tobias/Flores)**
As per Director Flores, the committee and staff received a presentation on SGMA (Sustainable Groundwater Management Act) from Todd Groundwater.
- d) **Finance Committee (Bettencourt/Tonascia)**
As per Directors Bettencourt and Tonascia, new District vehicles were discussed.
- e) **Zone 6 Operations Committee (Bettencourt/Tonascia)**
As per Directors Bettencourt and Tonascia, the proposal from ICad was discussed.

8. District Manager/Engineer's Report:

- a) **Reach 1 Operations**
Mr. Cattaneo reported this has already been covered.
- b) **Zone 3 Operations**
Mr. Cattaneo reported staff will begin tomorrow on repair of the butterfly valve at Hernandez Reservoir, replacing the hydraulic line as he suspects it has failed. A bulldozer is being delivered and also base rock, so the area near the intake structure can be filled in, giving staff easier access. Staff will also have to take off the trash rack to gain access to the area they need to work in.
- c) **Zone 6 Operations**
Mr. Cattaneo stated there was nothing to report at this time.
- d) **San Luis Delta Mendota Authority Activities**
Mr. Cattaneo reported San Luis Reservoir is not anticipated to fill this year and the Authority also received a presentation from the Public Outreach Program, asking for an additional \$600,000.
- e) **Recycled Water**
Mr. Cattaneo reported the storage ponds are on target to be complete by the end of October and then staff will test by pre-irrigation.

9. CLOSED SESSION:

Conference with legal counsel: Anticipated Litigation
Significant exposure to litigation pursuant to
subdivision (d)(2) of section 54956.9

Existing facts or circumstances:

Receipt of a claim pursuant to Government Code Section 911.2(a).

(Claim available for public inspection)

Claimant: Randall McAlpine

Agency claimed against: San Benito County Water District

Number of cases: 1

(Board went into Closed Session at 7:23 p.m.)

10. **OPEN SESSION:**
Report any action, if any
(Board returned from Closed Session at 7:30 p.m.)

There was no action to report.

11. **Adjournment**
With no further business to discuss, the meeting was adjourned at 7:31 p.m.

Minutes were approved at the October 26, 2016 Board Meeting and signed by the presiding board member.

/s/John Tobias
John Tobias, Vice President

/s/Barbara L. Mauro
Barbara L. Mauro, Board Clerk